

=> fil reg; d que l3
FILE 'REGISTRY' ENTERED AT 11:37:04 ON 22 OCT 2003
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 21 OCT 2003 HIGHEST RN 607679-40-3
DICTIONARY FILE UPDATES: 21 OCT 2003 HIGHEST RN 607679-40-3

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

L2 6288 SEA FILE=REGISTRY ABB=ON UGCACUCCAGCCUGAGCGAC|GUCGCUCAGGCUGGAG
UGCA|UUCAACACUUAAGAAUGGGG|CCCCAUUCUUAAGUGUUGAA/SQSN
L3 10 SEA FILE=REGISTRY ABB=ON L2 AND SQL<101

=> d rn cn kwic nte lc l3 1-10

L3 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
RN 502665-34-1 REGISTRY
CN DNA, d(C-T-C-A-A-G-T-G-G-T-T-C-A-A-C-A-C-T-T-A-A-G-A-A-T-G-G-G-G-A-C-A)
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN 226: PN: US20030054371 SEQID: 223 unclaimed DNA
SQL 32

SEQ 1 ctcaagtgggt tcaacactta agaatgggga ca
= =====

HITS AT: 10-29
LC STN Files: CA, CAPLUS, USPATFULL

L3 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
RN 502663-23-2 REGISTRY
CN DNA, d(T-T-C-A-A-C-A-C-T-T-A-A-G-A-A-T-G-G-G-G) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 357: PN: US20030054371 SEQID: 353 claimed DNA
SQL 20

SEQ 1 ttcaacactt aagaatgggg
=====

HITS AT: 1-20

RELATED SEQUENCES AVAILABLE WITH SEQLINK
LC STN Files: CA, CAPLUS, USPATFULL

L3 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
RN 502663-22-1 REGISTRY
CN DNA, d(T-G-C-A-C-T-C-C-A-G-C-C-T-G-A-G-C-G-A-C) (9CI) (CA INDEX NAME)
OTHER NAMES:

RN 296362-33-9 REGISTRY
CN DNA, d(T-G-C-A-C-T-C-C-A-G-C-C-T-G-A-G-C-G-A-C) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 221: PN: WO0056856 SEQID: 37 claimed DNA
SQL 20

SEQ 1 tgcactccag cctgagcgac
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HITS AT: 1-20

RELATED SEQUENCES AVAILABLE WITH SEQLINK

LC STN Files: CA, CAPLUS

L3 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
RN 239189-63-0 REGISTRY
CN GenBank AI833237 (9CI) (CA INDEX NAME)
SQL 51

SEQ 1 tttgagatgg agtcttctgc tctcgtctcag gctggagtgc aggggggtga
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HITS AT: 22-41

NTE singlestranded

LC STN Files: GENBANK

L3 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
RN 204673-71-2 REGISTRY
CN GenBank AA837701 (9CI) (CA INDEX NAME)
SQL 97

SEQ 1 gttttgagat ggggtcttgt tctcgtctcaggctggagt gcagtgggtgc
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HITS AT: 24-43

NTE singlestranded

LC STN Files: GENBANK

=> fil capl uspatf; s l3
FILE 'CAPLUS' ENTERED AT 11:37:41 ON 22 OCT 2003
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FILE 'USPATFULL' ENTERED AT 11:37:41 ON 22 OCT 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

L4 5 L3

=> dup rem l4
PROCESSING COMPLETED FOR L4
L5 3 DUP REM L4 (2 DUPLICATES REMOVED)
ANSWERS '1-3' FROM FILE CAPLUS

=> d ibib ab hitrn 1-3; fil hom

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2003:222236 CAPLUS
DOCUMENT NUMBER: 138:253687
TITLE: Microsatellite repeat polymorphisms in costimulatory
receptor locus and PCR primers and method for
determination of predisposition to autoimmune diseases
INVENTOR(S): Ling, Vincent; Wu, Paul; Gray, Gary S.
PATENT ASSIGNEE(S): Genetics Institute, Inc., USA

HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

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AB The present invention relates to novel immune/hematopoietic-related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "immune/hematopoietic antigens", and the use of such immune/hematopoietic antigens for detecting immune/hematopoietic-related diseases and/or disorders, particularly the presence of cancer and cancer metastases of cells of hematopoietic origin. More specifically, 9752 isolated immune/hematopoietic-assocd. cDNA and 22,912 genomic DNA mols. are provided that encode novel immune/hematopoietic-assocd. polypeptides. Novel immune/hematopoietic polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human immune/hematopoietic assocd. polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the immune system or cells and tissues assocd. with hematopoiesis, including cancers of cells of hematopoietic origin, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compns. for inhibiting the prodn. and function of the polypeptides of the present invention. [This abstr. record is one of twelve records for this document necessitated by the large no. of index entries required to fully index the document and publication system constraints.].

IT **428613-82-5P**

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; human nucleic acids encoding immune/hematopoietic-



Entrez	PubMed	Nucleotide	Protein	Genome	Structure	PMC	Taxonomy	Book
Search	Nucleotide	<input checked="" type="checkbox"/> for				Go	Clear	
		Limits	Preview/Index	History	Clipboard	Details		
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☐ 1: [AY152465](#). Homo sapiens isol...[gi:26984022]

[Links](#)

LOCUS AY152465 63 bp DNA linear PRI 15-DEC-2002
 DEFINITION Homo sapiens isolate 16 RUNX1/CBFA2T1 translocation breakpoint sequence.
 ACCESSION AY152465
 VERSION AY152465.1 GI:26984022
 KEYWORDS .
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 63)
 AUTHORS Zhang,Y., Strissel,P., Strick,R., Chen,J., Nucifora,G., Le Beau,M.M., Larson,R.A. and Rowley,J.D.
 TITLE Genomic DNA breakpoints in AML1/RUNX1 and ETO cluster with topoisomerase II DNA cleavage and DNase I hypersensitive sites in t(8;21) leukemia
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 99 (5), 3070-3075 (2002)
 MEDLINE 21874099
 PUBMED 11867721
 REFERENCE 2 (bases 1 to 63)
 AUTHORS Zhang,Y. and Rowley,J.D.
 TITLE Direct Submission
 JOURNAL Submitted (19-SEP-2002) Department of Medicine, University of Chicago, 5841 S. Maryland Ave., MC2115, Chicago, IL 60637, USA
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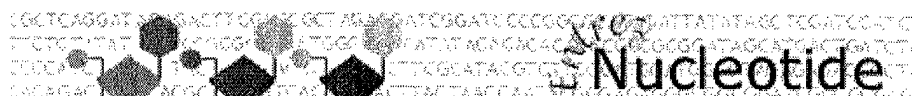
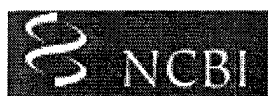
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[NCBI](#) | [NLM](#) | [NIH](#)

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☐ 1: AI833237. at76d05.x1 Barste...[gi:5455217]

[Links](#)

IDENTIFIERS

dbEST Id: 2921190
EST name: at76d05.x1
GenBank Acc: AI833237
GenBank gi: 5455217

CLONE INFO

Clone Id: IMAGE:2377929 (3')
Source: IMAGE Consortium, LLNL
DNA type: cDNA

PRIMERS

Sequencing: -40UP from Gibco
PolyA Tail: Unknown

SEQUENCE

TTTGAGATGGAGTCTTGCTCTGTCGCTCAGGCTGGAGTGCAGGGGGGTGAT

Entry Created: Jul 13 1999
Last Updated: Jul 13 1999

COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

PUTATIVE ID Assigned by submitter
contains Alu repetitive element;

LIBRARY

Lib Name: Barstead colon HPLRB7
Organism: Homo sapiens
Sex: male
Organ: colon
Develop. stage: adult, age 25
Lab host: DH10B (phage resistant)
Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker
R. Site 1: EcoRI
R. Site 2: NotI
Description: 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACGAATCTGAAGTGGGAGCGGCCGCCCTTTTTTTTTTTTTTTTTTTTTTTT 3']; double-stranded cDNA was ligated to Eco RI adaptors [5' AATTCACTAGTAAT 3' and 5' ATTACTAGTG 3'], digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library constructed by Bob Barstead.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu


CITATIONS

Title: WashU-NCI human EST Project
Authors: Hillier, L., Allen, M., Bowles, L., Dubuque, T., Geisel, G., Jost, S., Krizman, D., Kucaba, T., Lacy, M., Le, N., Lennon, G., Marra, M., Martin, J., Moore, B., Schellenberg, K., Steptoe, M., Tan, F., Theising, B., White, Y., Wylie, T., Waterston, R., Wilson, R.
Year: 1997
Status: Unpublished

MAP DATA

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Entrez PubMed Nucleotide Protein Genome Structure PMC Taxonomy Books

Search Nucleotide ☐ for ☐ Limits Preview/Index History Clipboard Details

Display default ☐ Show: 1 ☐ Send to File ☐

☐ 1: AA837701. oe06c02.s1 NCI_CG...[gi:2912900]

[Links](#)

IDENTIFIERS

dbEST Id: 1559799
EST name: oe06c02.s1
GenBank Acc: AA837701
GenBank gi: 2912900

CLONE INFO

Clone Id: IMAGE:1385090
Source: NCI
Insert length: 451
DNA type: cDNA

PRIMERS

Sequencing: -40m13 fwd. ET from Amersham
PolyA Tail: Unknown

SEQUENCE

GTGTTGAGATGGGGTCTTGTCTGTGCTCAGGCTGGAGTGCAGTGGTGCGATCTTGGCT
CACTGCAACCTCTGCCTCCCAGGTTCAAGTGATTCTC
Quality: High quality sequence stops at base: 50

Entry Created: Mar 31 1998
Last Updated: Apr 7 1998

COMMENTS

Tissue Procurement: Christopher A. Moskaluk, M.D., Michael R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: David B. Krizman, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

PUTATIVE ID Assigned by submitter
contains element PTR5 repetitive element ;

LIBRARY

Lib Name: NCI_CGAP_Ov2
Organism: Homo sapiens
Sex: female
Tissue type: ovary
Lab host: DH10B
Vector: pAMP10
Description: mRNA made from invasive ovarian tumor, cDNA made by oligo-dT priming. Non-directionally cloned. Size-selected on agarose gel, average insert size 600 bp. Reference: Krizman et al. (1996) Cancer Research 56:5380-5383.

SUBMITTER

Name: Robert Strausberg, Ph.D.
E-mail: cgapbs-r@mail.nih.gov

CITATIONS

Title: National Cancer Institute, Cancer Genome Anatomy Project
(CGAP), Tumor Gene Index
Authors: NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>
Year: 1997
Status: Unpublished

MAP DATA

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